

ACTIVITY HAZARD ANALYSIS (Sample)

Note: The crucial element of the AHA is the thought process, planning, and coordination that goes into anticipating and then eliminating or mitigating the potential hazards and problems associated with any given job. The goal and reward here is the safe and successful completion of the task/project. The paperwork merely provides a record of the process.

Activity/Work Being Performed	Hazards Associated with Activity/Work	Mitigating Actions to Control or Eliminate the Hazards
1. Drilling hole to set structural anchor	<p>1a. Hidden utilities (energized)</p> <p>1b. Cuts, contusions, abrasions, and punctures from misuse of hand and power tools</p> <p>1c. Shock from power tools</p> <p>1d. Eye injuries from flying debris</p>	<p>a. Research as-builts with Bldg Mgr; JCI survey of slab; utilize PPE; use GFCI's, double insulated tools or ground all equipment to prevent electrical shock; use 2 man rule</p> <p>b. Inspect tools for defects, ensure personnel trained in proper usage wear hard hat, eye protection, gloves and safety shoes</p> <p>c. Inspect tools for defects and power cords for exposed wiring, wear proper PPE, use extra caution in moist or wet environments</p> <p>d. wear eye protection</p>
2. Hoisting equipment into place	<p>2a. Injury or damage caused by collision with suspended and/or moving equipment</p> <p>2b. Injury or damage caused by falling or lowering of suspended equipment</p> <p>2c. Injury caused by handling or contacting hoist, cables, trolley, pulleys, shackles, slings, chains, energized electrical contacts or wiring, or other associated equipment</p>	<p>a. ensure crane/hoist operators are trained and certified, minimize personnel in area during lift and move by barricades and posting a watch, plan ahead to minimize time required to complete</p> <p>b. see "a" above, inspect crane/hoist for defective operation, ensure the use of properly rated slings and connectors, maintain "cone of safety", inspect slings, connectors, and associated equipment for obvious defects or damage</p> <p>c. Wear proper PPE (hard hat, eye protection, gloves, safety shoes), awareness of potential hazards from pre-job safety meeting, possible, post a safety watch</p>